

ITEM:

SUBJECT: California Department of General Services, Office of State Publishing, Sacramento County

BOARD ACTION: *Consideration of NPDES Permit Renewal and Time Schedule Order*

BACKGROUND: The California Department of General Services owns and operates a publishing facility that provides printing and communications services to State, Federal, and City agencies. The facility discharges approximately 1.3 mgd of non-contact cooling water from air conditioning heat exchange coils into the American River. The only source of cooling water is provided by an on-site well, and no chemicals are added. This Order includes new water quality based effluent limitations for arsenic, barium, bis (2-ethylhexyl) phthalate, cadmium, copper, 1,2 dichloroethane, fluoride, iron, lead, manganese, nickel, organochlorine pesticides, selenium, sulfate, total dissolved solids, and tributyltin. Available American River data indicates that assimilative capacity exists for most constituents except for arsenic, cadmium, copper, 1,2 dichloroethane, organochlorine pesticides, and manganese. This Order, therefore, includes a Provision that allows the discharger, at their discretion, to develop a mixing zone study for those constituents that have assimilative capacity. For the other constituents other means of compliance will be necessary. Time Schedules to comply with all the limitations are included in this Order and in a Time Schedule Order (TSO).

ISSUES: The Discharger's issues of concern include:

- **Adequate Time Schedule:** Because of technology changes in the printing industry, requiring new digital equipment, the Discharger is considering a plan to close and sell the existing antiquated facility and relocate its operations, and thus cease the discharge. However, in order to carry out this plan as the means of compliance with waste discharge requirements, the Discharger is requesting the maximum amount of time allowed in their time schedule.

Both, this Order and a separate TSO include the maximum allowed time for coming into compliance with waste discharge requirements. The time schedule in the Order is for compliance with California Toxics Rule (CTR) based effluent limitations, allowing the Discharger to develop a corrective action plan, submit progress reports, and come into compliance by 22 May 2010, which is the final deadline, according to the SIP, to come into compliance with CTR based effluent limitations. The time schedule in the TSO is for non-CTR based effluent limitations, and the maximum time schedule of 5 years is allowed, with a final compliance date of 1 June 2010.

- **Arsenic:** This Order includes a daily maximum effluent limitation for arsenic of 10 µg/L based on the USEPA's MCL and Basin Plan site specific objective. The Discharger agrees with the use of the federal MCL as an effluent limit, however, does not agree with the use of the State's OEHHA Public Health Goal value of 0.004 µg/L in determining whether assimilative capacity exists in the River.

Considering: (1) the existing MUN beneficial use; (2) the close proximity to the Sacramento River drinking water intake (within 2 miles); (3) the narrative toxicity objective of the Basin Plan; (4) information from the National Academy of Sciences, the National Drinking Water Advisory Council, the USEPA Science Advisory Board, and the California Office of Environmental Health Hazard Assessment; and (5) results of effluent and upstream receiving water monitoring; it is the opinion of Regional Board Staff that no assimilative capacity in the American River should be granted.

Mgmt. Review _____

Legal Review _____

23/24 June 2005 Region 5 Board Meeting

CVRWQCB

11020 Sun Center Drive #200

Ranch Cordova, CA 95670